



DARK ENERGY
SURVEY

DOE/NSF/DES Phonecon

- Phone con on Tues, Oct 31, regarding the official proposal due in December.
 - From agencies: Kathy Turner, Mike Procario (DOE), Nigel Sharp (NSF)
 - From DES: Peoples, Walker, Frieman, Annis, Mohr, Smith, Flaugher, Merritt
- Outline delivered by John P. before the phonecon; updated afterwards
- Points discussed
 - DES position is that NOAO DPP public archive is NOT part of DES, and not to be costed in this proposal. DES is responsible only to provide to NOAO DPP a compatible pipeline to reduce non-DES data from DECam.
 - NOAO and NCSA have an MOU, totally outside DES, regarding the hosting of NOAO's archive at NCSA.
 - How to present the costs for scientists' time: DOE/NSF will get back to us on that.



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Important points about proposal

- Section D needs to describe:
 - the science case;
 - the 3 subprojects of DES: DECam, DES-DMS, Blanco Improvements & Installation;
 - the commissioning and operations costs
- Due date is Friday Dec 15
- Will be judged on ‘intellectual merit’ and ‘broader impact’ (as a standard NSF proposal); will also serve as DOE CD1
- Needs to read coherently (allow time for editing since it is being pulled together from different sources)



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Proposal Leads to Feb 20 Review

- Proposal will go to NSF readers for review under solicitation 423.
- Joint NSF/DOE review is tentatively scheduled for Feb. 20, 2007, in Washington, DC. Length 1-2 days, still TBD. Multi-purpose:
 - For DOE, this is the CD1 review
 - For NSF, this is a review of DES-DM's request for funds
 - For both agencies, it is a review of the total DES program, and in particular of how its science case matches the DETF recommendation for a Stage 3 dark energy experiment.



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Current Status

- Action items from phonecon:
 - From DES: Diagram of DM system, color-coded by funding
 - From agencies: guidance on how to report scientists in costs
 - From DES: Updated outline
- The DECam subsection of the proposal will be taken mostly from the CDR, with some addition of the current and planned R&D. Brenna has a first draft.
- Have told the L2 managers:
 - ⇒ Will need a TDR completed by Apr-Jun 07: start thinking, at least, now! (start writing, if possible)
 - (Dave McGinnis and Jean Slaughter's prototype subsystem document is probably a good starting point for TDR chapters.)